EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	234	(electron near2 capture) and ((electrode or trap$4) with (ramp$4 or select$4) with (potential or bias or voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:11
L6	408	(electron near2 capture) and ((electrode or trap$4) with (dc or (direct adj current)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:12
L7	157	(electron near2 capture) and ((electrode or trap$4) with (ac))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:12
L8	52	5 and 6 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:12
L9	44	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:13
L10	21	9 and ((dc or (direct adj current)) with (ramp$4 or select$4) with (potential or bias or voltage))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:14
L11	7	9 and (rectangular or square) with (wave or waveform or wave?form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 08:19
L26	3	5 and (rectangular or square) with (wave or waveform or wave?form) with DC	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:13
L27	12	5 and (rectangular or square) with (wave or waveform or wave?form) same ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:14

L28	46	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and (rectangular or square) with (wave or waveform or wave?form) same ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:16
L29	9	(electron near2 capture) and 28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:16
L30	101	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and (rectangular or square) with (wave or waveform or wave?form) and ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:27
L31	15	(electron near2 capture) and 30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:27
L32	6	31 not 29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:27
L33	55	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and (((rectangular or square) with (wave or waveform or wave?form)) discrete) with ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:32
L34	12	(electron near2 capture) and 33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:33
L35	51	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and (electrode or trap$4) with level with ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:43
L36	7	(electron near2 capture) and 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 09:43
L37	10	("2939952" | "4540884" | "4736101" | "4761545" | "5134286" | "5206506" | "5625186" | "5629186" | "6900433").PN. OR ("7193207").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/26 09:45

L38	135	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and (electrode or trap$4) with (waveform or wave) with ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 10:04
L39	16	(electron near2 capture) and 38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 10:04
L40	297130	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4) with dc or (direct adj current))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 10:06
L41	125	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4) with (dc or (direct adj current)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 10:07
L42	12	(electron near2 capture) and 41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/26 10:07
L43	1	("20050017167").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/26 10:13
L44	2	("2005/0017167").URPN.	USPAT	OR	ON	2009/09/26 10:13
L45	2	2005/0017167	USPAT	OR	ON	2009/09/26 10:14
L46	1	"20050017167"	USPAT	OR	ON	2009/09/26 10:14
L47	1	("6483109").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/26 11:04
S1	6	US-5438195-$.DID. OR US-6483109-$.DID. OR US-20040155180-$.DID. OR US-20050017167-$.DID. OR US-20050017165-$.DID. OR US-7193207-$.DID.	US-PGPUB; USPAT	OR	ON	2009/09/20 09:31
S2	6464	(250/281,282,283,288,290,293).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/20 09:41
S3	265	((DING near2 LI).inv.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:41

S4	18	S3 and (quadrupole near3 (trap$4 or analyz $4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:41
S5	7	S3 and (electron with (electrode trap$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:45
S6	0	("2002092980").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/20 09:49
S7	1	("20020092980").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/20 09:49
S8	1	WO-02078048-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:52
S9	1	("6958472").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/20 09:53
S10	213	S2 and ((electron near2 capture near2 dissociat$4) or ecd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:58
S11	135	S10 and (quadrupole near3 (trap$4 or analyz $4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:58
S12	49	S11 and (dc near2 (bias or potential or voltage)) with electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 09:59
S13	15	S12 and (switch$4 with (bias or potential or voltage) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:00
S14	162	(switch$4 with (bias or potential or voltage) with electrode) and ((electron near2 capture near2 dissociat$4) or ecd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:02
S15	2	S14 and (digital near2 trap$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:02

S16	1	S14 and (kinetic with (electron near2 (dissociat$4 or fragment$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:04
S17	354	(quadrupole near4 (trap$4 or analyz$4)) and ((electron near2 capture near2 dissociat$4) or ecd or (electron near2 (dissociat$4 or fragment$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:07
S18	29	S17 and (switch$4 with (bias or potential or voltage) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:08
S19	96	S17 and (dc with (bias or potential or voltage) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:11
S20	49	S19 and (ring with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:12
S21	4	S20 and (kinetic with (electron near2 (dissociat$4 or fragment$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:13
S22	9	S19 and (kinetic with (electron near2 (dissociat$4 or fragment$5 or capture)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:14
S23	489	(quadrupole near4 (trap$4 or analyz$4)) and ((electron near2 capture near2 dissociat$4) or ecd or (electron near2 (dissociat$4 or fragment$5 or induc$4 or capture)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:20
S24	60	S23 and ((switch$4 or waveform or wave? form or discrete) with (bias or potential or voltage) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:22
S25	4	S24 and (kinetic with (electron near2 (dissociat$4 or fragment$5 or capture or induc $4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:33

S26	8	(kinetic with (electron near2 (dissociat$4 or fragment$5 or capture or induc$4))) and ((alternat$4 or switch$4 or waveform or wave?form or discrete) with (bias or potential or voltage) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 10:41
S27	2	"20040155180"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 11:08
S28	1775	(250/281,282,283,288,290,293).CCLS.	US-PGPUB	OR	OFF	2009/09/20 11:37
S29	132	S28 and (quadrupole near4 (trap$4 or analyz$4)) and ((electron near2 capture near2 dissociat$4) or ecd or (electron near2 (dissociat$4 or fragment$5 or induc$4 or capture)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 11:56
S30	9	S29 and (kinetic with (electron near2 (dissociat$4 or fragment$5 or capture or induc $4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 11:57
S31	235	S28 and ((switch$4 or waveform or wave? form or discrete) with (bias or potential or voltage) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 12:03
S32	34	S29 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/20 12:03
S33	118	(("3D" or "3-D" or (three adj dimension$4)) with (quadrupole)) and (EDC or (electron near2 capture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 13:57
S34	63	S33 and (electrode or ring) with (DC or (direct adj current))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 13:57
S35	25	S34 and (energy with (electron near2 (induc $4 or dissociat$4 or capture or fragment$5)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 13:58

S36	34	S33 and (voltage near3 (ramp$4 or select$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 14:05
S37	210	(("3D" or "3-D" or (three adj dimension$4) or paul) with (trap$4 or quadrupole)) and (EDC or (electron near2 capture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 14:11
S38	19	S37 and (DC with (switch$4 or select$4) with (voltage or potential or bias) with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 14:11
S39	2	(("3D" or "3-D" or (three adj dimension$4) or paul) near2 (dc) near2 (trap$4 or quadrupole)) and (EDC or (electron near2 capture))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/24 14:14
S40	1	(("3D" or "3-D" or (three adj dimension$4)) with (quadrupole or trap$4)) and (kinetic with (electron near2 induc$4 near2 dissociat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:36
S41	1	(("3D" or "3-D" or (three adj dimension$4)) with (quadrupole or trap$4)) and (kinetic same (electron near2 induc$4 near2 dissociat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:36
S42	22	(("3D" or "3-D" or (three adj dimension$4)) with (quadrupole or trap$4)) and ((electron near2 induc$4 near2 dissociat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:36
S43	18	S42 and (voltage or potential or bias) with select$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:37
S44	26	(("3D" or "3-D" or (three adj dimension$4 or paul)) with (quadrupole or trap$4)) and ((electron near2 induc$4 near2 dissociat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:40
S45	12	S44 and (dc with electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:41

S46	0	("2002092980").PN.	US-PGPUB; USPAT	OR	OFF	2009/09/25 10:42
S47	1	WO-02078048-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:42
S48	41	(electron near2 capture) with kinetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:43
S49	19	(("3D" or "3-D" or (three adj dimension$4 or paul)) with (quadrupole or trap$4)) and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 10:43
S50	1	WO-0129875-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 11:04
S51	26	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and ((electron near2 induc$4 near2 dissociat$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 12:49
S52	4	S51 and (rectangular or square) with (wave or waveform or wave?form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 12:49
S53	193	(("3D" or "3-D" or (three adj dimension$4) or paul) with (quadrupole or trap$4)) and (electron near2 capture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 12:50
S54	15	S53 and (rectangular or square) with (wave or waveform or wave?form)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/25 12:50

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